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XIII. Indications of Spring,

Dates.	Snow-drop flower.	Thrush sings.	Hawthorn leaf.	Hawthorn flower.	Frogs and Toads croak.	Sycamore leaf.	Birch leaf	Elm leaf.	Mountain-ash leaf.	Oak
1736		1735 Dec. 4.								
1738				Nifmes, France, Apr. 14, N.S.						
1739			Feb. 23.			Feb. 23.				
1740		Feb. 27.	April 4.	May 28.		April 14.				
1741				May 9.	March 12.					
1742		Jan. 31.		May 15.	April 11.					
1743		Jan. 31.		May 8.	Feb. 28.					
1744			March 28.	Essex, May 12.	March 28.	March 30.				
1745	Jan. 6.	Jan. 26.	March 26.	May 13.	March 14.	March 29.	March 29.			
1746	Jan. 20.		March 26.	May 13.	March 15.	April 10.	April 10.			May
1747	Jan. 8.	Jan. 14.	Feb. 15.	April 26.	Feb. 24.	March 25.	March 29.			April
1748	Jan. 5.	Jan. 29.	April 3.	Middlesex, May 22.	March 28.	April 14.	April 10.			
1749	Jan. 4.	Jan. 17.	Feb. 19.	Middlesex, May 1.	March 5.	March 18.	March 24.			April
1750	Jan. 15.	Jan. 17.	Feb. 13.	April 13.	Feb. 20.	Feb. 22.	Feb. 21.			March
1751	Jan. 9.	Jan. 2.	March 10.	May 9.	March 27.		March 22.	March 6.		April
1752		Jan. 30.	Middlesex, Feb. 18.	May 14.	March 9.	April 6.	April 2.			April
N.Style 1753	Feb. 1.	Feb. 1.	March 21.	May 11.	April 1.	April 3.	March 27.			April
1754	Jan. 18.	Feb. 16.	April 7.	May 22.	April 6.	April 14.	April 14.			May
1755	Jan. 26.	Feb. 16.	March 31.	May 10.	April 1.	April 9.	April 1.	April 10.	April 9.	April

indications of Spring, observed by Robert Marsham, Esquire, F. R. S. of Stratton in Norfolk. La

Read April 2, 1789.

Apple leaf.	Mountain-ash leaf.	Oak leaf.	Beech leaf.	Horse-chefnut leaf.	Chestnut leaf.	Hornbeam leaf.	Ash leaf.	Ringdoves coo.	Rooks build.	Young Rooks.	Swallows appear.
											March 3.
											Piacenza Italy, March 20, N.
											April 1.
									Feb. 27.		March 3.
								Feb. 2.	Feb. 13.	April 2.	April 9.
										April 1.	April 1.
											April 1.
									Feb. 21.	April 1.	March 3.
				March 29.				Jan. 3.	March 8.	April 8.	April 3.
		May 1.	May 1.						Feb. 25.	March 31.	April 8.
		April 23.	April 26.					Jan. 13.	Feb. 13.	March 26.	April 2.
								Feb. 8.	Feb. 29.	April 3.	April 2.
		April 22.	April 22.					Feb. 13.	Feb. 18.	March 29.	April 5.
		March 31.	April 15.					Jan. 22.	Feb. 13.	March 30.	April 8.
March 6.		April 25.	April 24.	March 21.			April 16.	1750 Dec. 29.	March 3.	April 7.	
		April 20.	April 20.	March 19.				1751 Dec. 27.		March 29.	April 2.
		April 24.	April 29.				May 11.	Feb. 22.	March 3.	April 15.	April 1.
		May 11.	May 7.						March 1.	April 11.	April 1.
April 10.	April 9.	April 18.	April 21.	March 31.	April 16.	April 13.	April 22.	March 4.	March 14.	April 18.	April 1.

in Norfolk. *Latitude 52° 45'.*

Old.	Young Rooks.	Swallows appear.	Cuckoo fings.	Nightin- gale fings	Churn Owl fings.	Yellow Butterfly appears.	Turnip in flower.	Lime leaf.	Maple leaf.	Wood Anemone flower.
		March 30.								
		Piacenza, Italy, Mar. 20, N. S.								
		April 13.	April 19.	April 25.			Feb. 21.			
27.		March 31.	April 14.	May 2.	May 21.		May 2.			
13.	April 2.	April 9.	April 19.	April 14.						
	April 1.	April 17.	April 17.	April 21.			April 15.			
		April 12.	April 17.	April 20.			March 23.			
21.	April 1.	March 31.	April 20.	April 9.	May 23.		April 8.			
h 8.	April 8.	April 3.	April 22.	April 12.	May 10.		April 8.			
25.	March 31.	April 8.	April 16.	April 19.	May 5.		April 16.	May 1.		
13.	March 26.	April 2.	April 22.	April 15.	May 9.		March 18.			
29.	April 3.	April 2.	April 16.	April 23.	May 28.		April 22.			
18.	March 29.	April 5.	April 13.	April 16.	May 20.		March 9.			
13.	March 30.	April 8.	April 11.	April 9.	May 17.	Feb. 9.	Feb. 22.			
h 3.	April 7.		April 19.	April 16.	May 3.		March 29.			
	March 29.	April 2.	April 9.	April 7.	May 12.		April 6.			
h 3.	April 15.	April 17.	April 24.	April 19.			March 30.			
h 1.	April 11.	April 13.	April 24.	April 11.	May 16.		May 9.			
h 14.	April 18.	April 6.	April 23.	April 14.	June 4.		April 15.	April 12.	April 18.	

Indi-

Dates.	Snow-drop flower.	Thrush sings.	Hawthorn leaf.	Hawthorn flower.	Frogs and Toads croak.	Sycamore leaf.	Birch leaf.	Elm leaf.	Mountain-ash leaf.	Oak leaf.
1756	Jan. 8.	Jan. 30.	Feb. 26.	May 25.	March 10.	April 1.	March 11	March 30.	April 5.	May
1757	Feb. 6.	Feb. 16.	March 20.	May 19.	March 29.	April 1.	March 29.	April 1.	March 31.	April 1
1758	Jan. 9.	Feb. 2.	March 19.	May 13.	March 16.	April 1.	April 1.	April 1.	April 13.	April 2
1759	Jan. 9.	Jan. 17.	Feb. 11.	May 6.	March 1.	Middlefex, March 22.	Middlefex, March 31.	Middlefex, March 19.	April 1.	April 1
1760	Jan. 24.	Feb. 10.	Kent, March 7.	April 27.	March 15.	April 3.	April 2.	April 9.	April 2.	April 1
1761		Jan. 4.	Surrey, Feb. 27.	May 4.	March 22.	March 25	March 24.	Surrey, Feb. 27.	March 25.	April 1
1762	Jan. 12.	Jan. 22.	Surrey, March 7.	May 4.	April 19.	Middlefex, April 16.	April 6.	Middlefex, April 12.	April 19.	April 2
1763		London, Feb. 11.	Surrey, Feb. 26.	May 7.	March 30.	March 28.	March 25.	April 1.	March 28.	April 2
1764	Jan. 6.	Jan. 9.	Feb. 17.	Middlefex, May 17.				London, March 21.	Surrey, April 8.	Herts, April 2
1765	Jan. 5.	Feb. 11.	March 16.	Kent, May 11.	March 23.	Middlefex, April 7.		Middlefex, March 29.		Herts, May 1
1766		Feb. 23.	March 16.		March 9.	Surrey, April 13.	March 11.	Middlefex, April 12.	Surrey, May 2.	Surrey, May 2
1767	Jan. 28	Feb. 1.	Surrey, March 12.	May 29.		Surrey, April 19.	Surrey, April 19.	Middlefex, March 14.		Effex, May 3
1768	Jan. 28.		Surrey, Feb. 28.	May 11.	March 17.	March 23.	March 21.	April 4.	April 4.	April 2
1769	Jan. 13.		Effex, March 4.	Effex, May 4.		Middlefex, April 17.		Kent, March 25.	Middlefex, April 6.	Kent, April 2
1770	Jan. 21.	Jan. 28.	Surrey, March 11.	May 22.		Middlefex, April 23.	May 1.	Middlefex, March 11.	May 1.	May 1

Indications of Spring continued.

leaf.	Mountain- ash leaf.	Oak leaf.	Beech leaf.	Horse- chestnut leaf.	Chestnut leaf.	Hornbeam leaf.	Ash leaf.	Ringdoves coo.	Rooks build.	Young Rooks.	Swallow appear.
ch 30.	April 5.	May 7.	May 7.					Feb. 22.	March 1.	April 8,	April 7
April 1.	March 31.	April 26.	April 29.				May 1.	Mar. 10.	March 13.	April 18.	April 10
April 1.	April 13.	April 29.	April 27.	April 13.		March 15.	May 8.	March 3.	March 5.	April 13.	April 10
dlefex, ch 19.	April 1.	April 15.	April 25.	Middlefex, March 25.	April 21.	Middlefex, March 30.	April 23.	Feb. 11.	Feb. 28.	April 10.	April 10
April 9.	April 2.	April 19.	April 19.	April 12.	April 19.	April 13.	April 19.		Middlefex, March 12.	April 11.	April 11
rey, . 27.	March 25.	April 14.	April 20.	March 29.	April 10.	April 10.	May 3.	March 20.	Effex, March 11.	April 7.	April 5
dlefex, il 12.	April 19.	April 22.	April 21.	Middlefex, April 16.	April 20.	Herts. April 18	April 25.			April 20.	April 8
April 1.	March 28.	April 24.	April 20.	Surrey, March 10.	April 18.	April 3.	May 7.			April 16.	April 5
ndon, ch 21.	Surrey, April 8.	Herts. April 24.	Herts. April 24.	Surrey, April 8.			Kent, May 5.	Feb. 22.	March 6.		London, April 8
dlefex, ch 29.		Herts. May 1.	Herts. May 1.	Middlefex, March 31.			Herts. May 1.	Feb. 25.	March 7.		Middlefex, April 14
dlefex il 12.	Surrey, May 2.	Surrey, May 2.		Surrey, April 13.		Surrey, May 2.	Surrey, May 2.	March 3.	March 7.	Middlefex, April 24.	Middlefex, April 17
dlefex, ch 14.		Effex, May 3.	May 5.	Middlefex, April 8.							Surrey, April 23
April 4.	April 4.	April 24.	April 24.	April 4.		April 19.	April 27.		Middlefex, Feb. 29.	April 10.	April 17
ent, ch 25.	Middlefex, April 6.	Kent, April 25.		Middlefex, April 6.	Kent, April 25.		Effex, May 4.				Surrey, April 19
dlefex, ch 11.	May 1.	May 11.	May 6.	Middlefex, April 8.	May 12.	May 1.	May 12.		Feb. 23.		Middlefex, April 23

Books old.	Young Rooks.	Swallows appear.	Cuckoo fings.	Nightin- gale fings.	Churn Owl fings.	Yellow Butterfly appears.	Turnip in flower.	Lime leaf.	Maple leaf.	Wood Anemone flower.
h 1.	April 8.	April 7.	April 18.	April 14.	May 16.		1755, Dec. 28. and March 4.	May 7.		
h 13.	April 18.	April 16.	April 26.	April 16.	May 17.		April 11.			
h 5.	April 13.	April 10.	April 30.	Middlefex, April 23.	May 18.	March 15.	April 14.			
28.	April 10.	April 10.	April 26.	April 21.	June 6.		Feb. 27	April 18.	April 18.	
efex, h 12.	April 11.	April 11.	April 21.	April 21.	May 29.		April 13.	April 19.	April 13.	
ex, h 11.	April 7.	April 5.	May 2.	April 17.	May 30.	March 12.	Jan. 15.	April 4.	April 17.	March 29.
	April 20.	April 8.	April 20.	April 19.	May 31.	April 5.	April 19.	April 16.	April 21.	
	April 16.	April 5.	April 27.	April 20.	May 31.		April 17.	April 15.		
h 6.		London, April 8.	Herts. April 24.	Kent, May 2.			Middlefex, March 18.			
h 7.		Middlefex, April 14.	Middlefex, April 12.	Herts. May 3.	June 4.			Middlefex, April 10.		March 24.
h 7.	Middlefex, April 24.	Middlefex, April 17.	Surrey, May 2.	Surrey, May 2.	May 26.	March 6		Surrey, April 12.		
		Surrey, April 23.	May 7.	Essex, May 3.				London, March 22.		
efex, 29.	April 10.	April 17.	April 24.	April 17.			March 28.	April 20.		
		Surrey, April 19.	Kent, April 25.	Suffex, May 23.	June 10.			London, April 16.		
23.		Middlefex, April 23.	May 1.	May 6.		Feb. 14.	April 23.	May 2.	May 7.	

Dates.	Snow-drop flower.	Thrush sings.	Hawthorn leaf.	Hawthorn flower.	Frogs and Toads croak.	Sycamore leaf.	Birch leaf.	Elm leaf.	Mountain-ash leaf.	Oak leaf.
1771	Jan. 27.	Feb. 21.	April 11.	May 25.	April 6.	May 4.	May 4.	Middlesex, April 24.	May 2.	May
1772	Jan. 14.	Feb. 12.	March 22.	May 22.	March 25.	Middlesex, April 13.		Middlesex, April 8.	Middlesex, April 13.	May
1773	Jan. 11.	Jan. 26.	March 21.	May 6.	March 18.	April 10.	March 29.	April 6.	April 6.	April
1774	Jan. 28	Herts. Feb. 17.	Herts. March 4.	May 10.	March 31.	April 3	March 31.	April 3.	March 31.	April
1775	Jan. 14.	Feb. 9.	Feb. 26.	May 1.	March 5.	March 25.	March 20.	March 19.	March 21.	April
1776	1775 Dec. 30.	Feb. 21.	Herts. March 8.	April 28.	March 22.	March 26.	March 19.	March 19.	March 23.	April
1777	Jan. 17.	Feb. 25.	March 20.	May 6.	March 25.	March 28.	March 26.	April 7.	March 29.	April
1778	Jan. 26.	Feb. 9.	April 4.	Herts. May 14.	March 19.	April 6.	April 6.	April 12.	April 7.	April
1779	1778 Dec. 24.	Feb. 6.	Feb. 22.	April 16.	Feb. 25.	March 7.	March 4.	March 4.	March 5.	March
1780	Feb. 9.	Feb. 16.	March 15.	May 10.	March 21.	March 25.	March 28.	March 26.	March 28.	April
1781	Jan. 29.	Feb. 6.	March 9.	April 28.	March 16.	March 22.	March 24.	March 26.	March 24.	April
1782	Jan. 4.	Feb. 21.	Feb. 20.	May 19.	March 13.	April 3.	April 10.	April 10.		May
1783	Jan. 26.	Jan. 31.	Feb. 23.	April 27.	March 10.	April 7.	April 1.	April 2.	April 1.	April
1784	Feb. 8.	March 4.	April 22.	May 14.	April 18.	April 23.	April 23.	May 6.	April 22.	May
1785	Jan. 24.	Jan. 24.	April 12.	May 2.	April 8.	April 19.	April 18.	April 19.	April 18.	May
1786	Jan. 22.	Feb. 15.	March 26.	May 15.	March 19.	April 18.	April 16.	April 19.	April 16.	May
1787	Jan. 30.	Feb. 4.	Feb. 25.	May 1.	March 21.	March 22.	March 18.	March 18.	March 17.	April
1788	Jan. 12.	Feb. 12.	March 2.	May 6.	March 24.	April 4.	April 3.	April 10.	April 4.	April

Indications of Spring continued.

Apple leaf.	Mountain-ash leaf.	Oak leaf.	Beech leaf.	Horse-chestnut leaf.	Chestnut leaf.	Hornbeam leaf.	Ash leaf.	Ringdoves coo.	Rooks build.	Young Rooks.	Swallows appear.
Middlesex, April 24.	May 2.	May 15.	May 10.	May 2.	May 10.	May 7.	May 16.	Feb. 26.	March 15.		Middlesex, April 1.
Middlesex, April 8.	Middlesex, April 13.	May 13.	May 3.	Middlesex, April 13.	May 11.	May 3.	May 26.	March 3.	Feb. 19.		Kent, April 1.
April 6.	April 6.	April 23.	April 29.	April 16.		April 10.	May 20.	March 3.	March 3.	April 10.	April 1.
April 3.	March 31.	April 25.	April 24.	April 8.		April 16.	April 27.			April 11.	April 2.
March 19.	March 21.	April 21.	April 25.	Suffolk, March 30.	April 30.	Cambridgeff. March 31.	May 2.	Feb. 15.	Feb. 26.	April 15.	Suffolk, April 1.
March 19.	March 23.	April 15.	April 19.	March 30.	April 21.	April 2.	April 23.	Feb. 14.	March 13.	April 2.	April 8.
March 7.	March 29.	April 22.	April 22.	March 30.	April 25.	April 11.	May 4.	Feb. 28.	Feb. 26.	April 6.	April 1.
April 12.	April 7.	April 30.	April 15.	April 11.	April 17.	April 12.	April 25.	Feb. 9.	March 5.	April 12.	April 2.
March 4.	March 5.	March 31.	April 5.	March 25.	April 5.	March 24.	April 2.	Feb. 25.	March 1.	April 4.	April 1.
March 26.	March 28.	April 26.	April 24.	March 22.	April 26.	March 29.	May 1.	March 8.	March 1.	April 6.	April 22.
March 26.	March 24.	April 19.	April 15.	April 10.	April 20.	April 3.	April 19.	Feb. 9.	March 1.	April 6.	April 1.
April 10.		May 14.	April 25.	April 10.	May 11.	April 22.	May 16.	Feb. 27.	Feb. 27.	April 10.	April 2.
April 2.	April 1.	April 24.	April 19.	April 6.	April 19.	April 14.	April 20.	Feb. 14.	March 9.	April 12.	April 20.
May 6.	April 22.	May 9.	May 1.	April 23.	May 9.	April 27.	May 12.	March 7.	March 2.	April 9.	April 19.
April 19.	April 18.	May 5.	April 23.	April 19.	April 29.	April 19.	May 2.	March 18.	March 14.	April 16.	April 12.
April 19.	April 16.	May 6.	April 28.	April 18.	May 6.	April 18.	May 2.	March 12.	Feb. 3.	April 13.	April 21.
March 18.	March 17.	April 26.	April 25.	March 21.	April 24.	March 18.	April 29.	March 9.	March 7.	April 15.	April 18.
April 10.	April 4.	April 24.	April 18.	April 4.	April 20.	April 4.	April 20.	March 11.	Feb. 26.	April 14.	April 11.

Wrens hild.	Young Rooks.	Swallows appear.	Cuckoo fings.	Nightin- gale fings.	Churn Owl fings.	Yellow Butterfly appears.	Turnip in flower.	Lime leaf.	Maple leaf.	Wood Anemone flower.
ch 15.		Middlefex, April 18.	May 5.	May 3.	May 20.	Feb. 18.	May 3.	May 7.	May 7.	April 11.
. 19.		Kent, April 15.	Surrey, April 26.	May 11.	May 17.	March 25.	April 17.	Middlefex, April 18.	May 5.	
ch 3.	April 10.	April 16.	April 22.	Essex, May 20.	June 2.	March 3.	March 24.	April 21.	April 19.	April 8.
	April 11.	April 21.	April 26.	April 30.	May 6.	Herts. March 4.	April 6.	April 8.	April 24.	March 26.
26.	April 15.	Suffolk, April 14.	April 23.	May 7.	May 15.	Feb. 26.	March 15.	Cambridgeh. March 31.	Herts. April 7.	March 9.
h 13.	April 2.	April 8.	April 21.	April 17.	May 26.	March 22.	April 7.	April 12.	April 6.	April 3.
26.	April 6.	April 13.	April 20.	May 8.	May 20.	Feb. 27.	April 7.	April 10.	April 22.	
ch 5.	April 12.	April 21.	April 30.	May 5.	May 27.	March 18.	April 14.		April 13.	April 5.
ch 1.	April 4.	April 13.	April 25.	May 9.	May 19.	Feb. 18.	Feb. 28.	April 1.	March 31.	March 15.
ch 1.	April 6.	April 22.	April 22.		April 30.	March 8.	April 30.	April 2.	April 22.	March 29.
ch 1.	April 6.	April 11.	April 16.	April 24.	April 29.	March 9.	April 7.	April 6.	April 15.	March 26.
27.	April 10.	April 22.	April 22.	May 8.	May 27.	April 7.	April 10.	May 5.	April 27.	April 12.
ch 9.	April 12.	April 20.	April 28.	April 12.	May 15.	March 18.	March 23.	April 2.	April 18.	April 1.
ch 2.	April 9.	April 19.	April 26.	April 28.	May 16.	April 17.	May 14.	May 4.	April 27.	April 22.
h 14.	April 16.	April 12.	April 27.	April 23.	May 18.	March 19.	April 27.	April 22.	April 24.	April 16.
3.	April 13.	April 21.	April 30.	April 22.	June 4.	March 12.	April 25.	April 20.	April 21.	April 11.
h 7.	April 15.	April 18.	May 2.	April 27.	June 4.	Feb. 18.	March 22.	March 29.	April 26.	March 16.
26.	April 14.	April 11.	April 21.	April 27.	May 23.	March 28.	April 13.	April 11.	April 12.	March 30.